T0620T" TTh6E00T

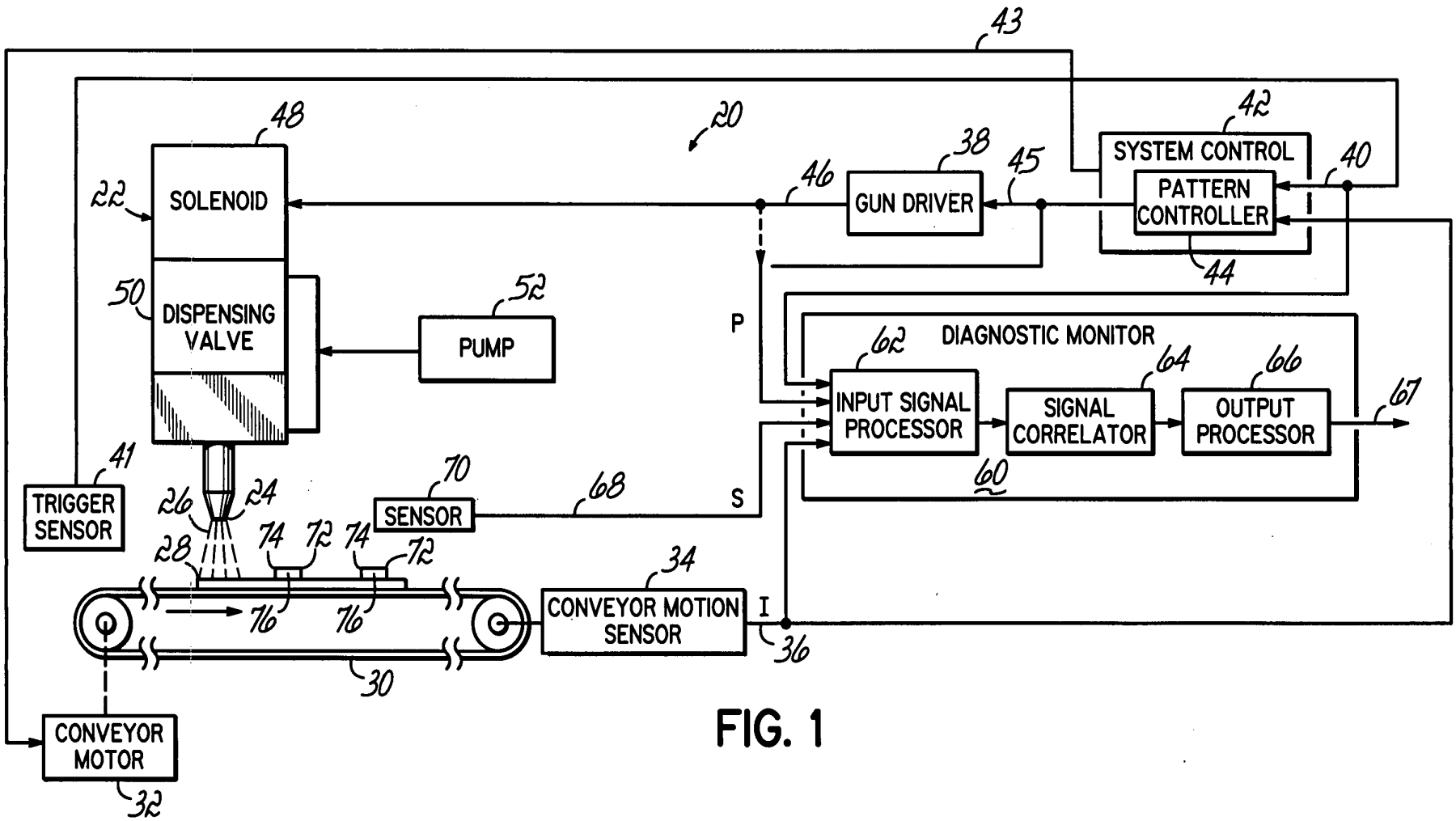

FIG. 1

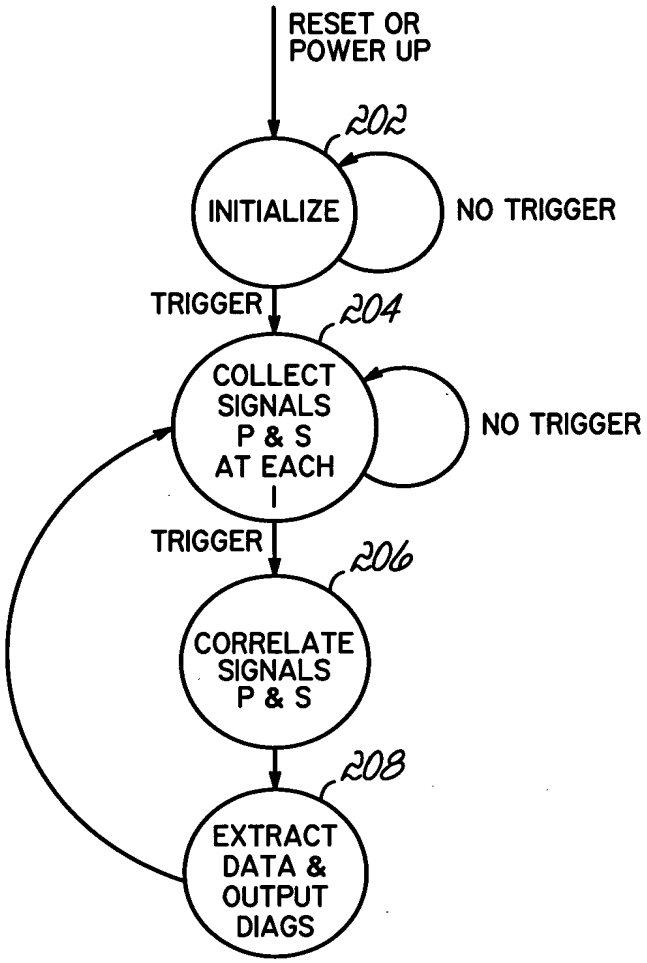
RESET OR POWER UP
202
INITIALIZE
NO TRIGGER
TRIGGER
204
COLLECT SIGNALS P & S AT EACH
NO TRIGGER
TRIGGER
206
CORRELATE SIGNALS P & S
208
EXTRACT DATA & OUTPUT DIAGS

FIG. 2

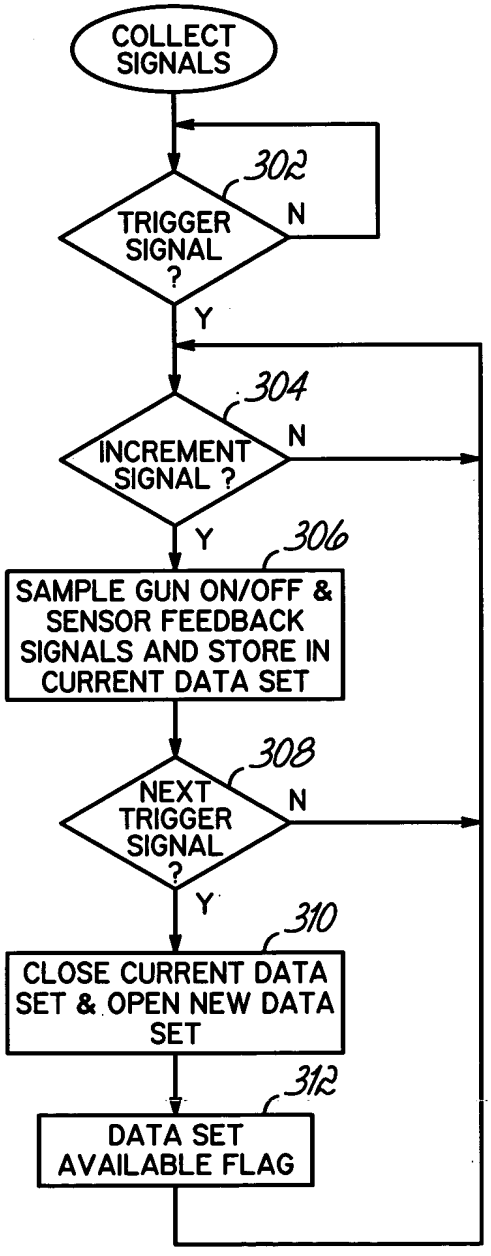
COLLECT SIGNALS
302
TRIGGER SIGNAL ?
N
Y
304
INCREMENT SIGNAL ?
N
Y
306
SAMPLE GUN ON/OFF & SENSOR FEEDBACK SIGNALS AND STORE IN CURRENT DATA SET
308
NEXT TRIGGER SIGNAL ?
N
Y
310
CLOSE CURRENT DATA SET & OPEN NEW DATA SET
312
DATA SET AVAILABLE FLAG

FIG. 3

Docket: T-4936.00

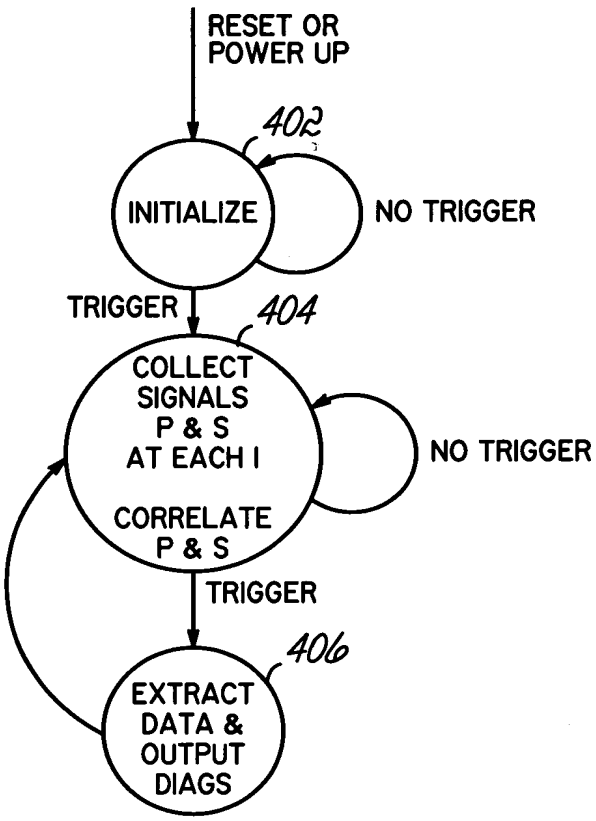

FIG. 4